



Docket No. NB 2016.00

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3/21/02  
SN

**Certificate of Mailing/Transmission (37 C.F.R. § 1.8(a)):**

[X] Pursuant to 37 C.F.R. § 1.8, I hereby certify that this paper and all enclosures are being deposited with the United States Postal Service as first class mail on the date indicated below in an envelope addressed to the Commissioner for Patents, Washington D.C. 20231.

Dated: January 2, 2002

Name of Person Certifying: Jocelyn L. Lee

Printed Name: Jocelyn L. Lee

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application for:

Ming Fai CHAN, et al.

Serial No.: 09/847,525 ✓

Filing Date: May 1, 2001 ✓

For: IMPROVED BETA-LACTAM  
ANTIBIOTICS ✓

Examiner: Unassigned

Group Art Unit: 1645

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Commissioner for Patents  
Washington, D.C. 20231

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

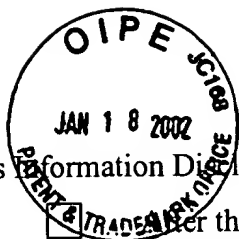
Sir:

In accordance with 37 C.F.R. § 1.56, the references listed on the attached Form PTO-1449 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application.

**I. Timing of the Information Disclosure Statement:**

This Information Disclosure Statement is filed:

- ☐ With the new patent application submitted herewith (37 C.F.R. § 1.97(a)).
- ☐ Within three months after the filing date of the application or within three months after the date of entry of the national stage of a PCT application as set forth in 37 C.F.R. § 1.491.
- ☒ Before the mailing date of a first Office action on the merits. In the event, however, that an Office Action has crossed in the mail with this Information Disclosure Statement, the Commissioner is hereby authorized to charge Deposit Account No. 50-1189 for any fees required pursuant to 37 C.F.R. §§ 1.17(p) or 1.17(i)(1).



This Information Disclosure Statement is filed:

under the first Office Action and more than three months after the application's filing date; or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first, and the Commissioner is hereby authorized to charge Deposit Account No. 50-1189 for the fee (\$180) set forth in 37 C.F.R. § 1.17(p) and any additional required fees.

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- ☐ After the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and is accompanied by the fee (\$180.00) set forth in 37 C.F.R. § 1.17(i)(1) and a certification as specified in 37 C.F.R. § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the Information Disclosure Statement.

The undersigned certifies that:

- ☐ Each item of information contained in the Information Disclosure Statement was first cited in any communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

## II. Copies of the Cited Items:

- ☒ Copies of all of the items listed on the attached Form PTO-1449 are enclosed.
- ☐ Copies of only the following items listed on the attached Form PTO-1449 are enclosed: \_\_\_\_\_.
- ☐ Copies of each items marked with an asterisk (\*) in the attached Form PTO-1499 are not supplied because they were previously cited by or submitted to the Patent Office in a prior Application No. \_\_\_\_\_, filed \_\_\_\_\_ and relied upon in this application for an earlier filing date under 35 U.S.C § 120. See 37 C.F.R. § 1.98(d).
- ☐ Copies of those items which are marked with an asterisk (\*\*) in the attached Form PTO-1499 were cited in a foreign examination report in a related case. A copy of the search report and the cited references not already of record in this application are attached hereto.

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III. Concise Explanation of Relevance:



A concise explanation of relevance of the items listed on Form PTO-1449 is not given.



A concise explanation of relevance of [some of] the items listed on Form PTO-1449 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references (copy attached).

IV. Conclusion:

Citation of the above documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described above; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO 1449 with initials or other appropriate marks.

The Commissioner is hereby authorized to charge Deposit Account No. 50-1189, Billing Ref.: 23896-7062 for any additional fees required in connection with the filing of this Information Disclosure Statement.

DATE: January 2, 2002

Respectfully submitted,

By:

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Docket No.: NB 2016.00

1645  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICETRANSMITTAL  
FORM

(to be used for all correspondence after filing)

Total number of Pages in this submission

Application Number	09/847,525
Filing Date	May 1, 2001
First Named Inventor	Ming Fai CHAN, et al.
Group Art Unit	1645
Examiner Name	Unassigned
Attorney Docket No.	NB 2016.00

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## ENCLOSURES (check all that apply)

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|--|--|---|
| <input type="checkbox"/> FEE TRANSMITTAL FORM<br><input type="checkbox"/> FEE ATTACHED   | <input type="checkbox"/> ASSIGNMENT PAPERS<br>(FOR AN APPLICATION)                             | <input type="checkbox"/> AFTER ALLOWANCE<br>COMMUNICATION TO GROUP                            |
| <input type="checkbox"/> AMENDMENT/RESPONSE<br><input type="checkbox"/> AFTER FINAL<br><input type="checkbox"/> AFFIDAVITS' DECLARATION(S)   | <input type="checkbox"/> DRAWING(S)  | <input type="checkbox"/> APPEAL COMMUNICATION TO BOARD<br>OF APPEALS AND INTERFERENCES        |
| <input type="checkbox"/> EXTENSION OF TIME   | <input type="checkbox"/> LICENSING-RELATED<br>PAPERS   | <input type="checkbox"/> APPEAL COMMUNICATION TO GROUP<br>(APPEAL NOTICE, BRIEF, REPLY BRIEF) |
| <input type="checkbox"/> EXPRESS ABANDONMENT REQUEST   | <input type="checkbox"/> PETITION ROUTING SLIP<br>(PTO/SB/60) AND<br>ACCOMPANYING<br>PETITION) | <input type="checkbox"/> PROPRIETARY INFORMATION  |
| <input checked="" type="checkbox"/> INFORMATION DISCLOSURE<br>STATEMENT W/1449   | <input type="checkbox"/> TO CONVERT A<br>PROVISIONAL<br>APPLICATION                            | <input type="checkbox"/> STATUS LETTER  |
| <input type="checkbox"/> CERTIFIED COPY OF PRIORITY<br>DOCUMENT(S)   | <input type="checkbox"/> POWER OF ATTORNEY,<br>REVOCATION CHANGE OF<br>CORRESPONDENCE ADDRESS  | <input checked="" type="checkbox"/> ADDITIONAL ENCLOSURE(S)<br>(PLEASE IDENTIFY BELOW):       |
| <input type="checkbox"/> RESPONSE TO MISSING PARTS/<br>INCOMPLETE APPLICATION<br><input type="checkbox"/> RESPONSE TO MISSING PARTS<br>UNDER 37 CFR 1.52 OR 1.53<br>COPY OF PTO-1533 | <input type="checkbox"/> TERMINAL DISCLAIMER   | COPIES OF 46 REFERENCES AND RETURN POSTCARD   |
| <input type="checkbox"/> SMALL ENTITY STATEMENT  | <input type="checkbox"/> REQUEST FOR REFUND  |   |
| <input type="checkbox"/> ISSUE FEE TRANSMITTAL   |  |   |

REMARKS:

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DATE: JANUARY 2, 2002

BY:

ANTOINETTE F. KONSKI (REG. NO. 34,202)  
MICHELE TODD WASMUTH (REG. NO. 43,239)

## CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: January 2, 2002

By:

Name of person signing: Jocelyn L. Lee